

MULTI-MEDIA COMMUNICATION MANAGEMENT SYSTEM WITH ENHANCED VIDEO CONFERENCE SERVICES

Abstract

5 A communication management system operates with a packet switched local
area network and includes a PSTN interface for communicating over a telephone line
with a service provider central office. The system comprises means for establishing
a logical channel over the packet switched local area network to support a real time
communication session with a real time communication device in response to
10 receiving session signaling from the real time communication device; means for
controlling the PSTN interface to transition the telephone line to an off hook state in
response to receiving session signaling; and translation means for providing digital
audio over the logical channel, the digital audio representing a dial tone received on
the telephone line from the central office and providing one of a plurality of dual tone
15 multi frequency signals on the telephone line in response to receipt of data from the
real time communication device corresponding to the one of a plurality of dual tone
multi frequency signals.